

Community Battery Project

November 2020



Ausgrid is proposing to undertake the first community battery trial in New South Wales and is proposing to install one of these batteries in your area.

What is a community battery?

A community battery is a relatively new concept in Australia. It is a battery solution that allows solar customers to use more of the clean energy they generate, save on their electricity bills, and get more value from their solar investment, without needing to own and maintain their own household battery system.

Unlike a household battery, a community battery allows solar customers connected to the same local distribution network to share in a larger 'community' battery that is owned and maintained by Ausgrid.

The Proposal

Ausgrid recognises the potential for this innovative new technology to deliver a sustainable energy solution that offers benefits to solar customers and energy consumers more broadly.

As part of a trial, we propose to install a community battery beside the existing electricity distribution substation located near 4 Juncea Close, Charlestown.

The level of solar uptake in your area has contributed to this location being selected as a suitable site and our site selection process has been shared with Lake Macquarie Council as we aim to deliver this project in locations where we have Council and community support.

Have your say

Accompanying this letter is a notification from QuadSol, which has been engaged by our battery supplier, Tesla, to install Ausgrid's community battery. Under the *State Environmental Planning Policy (Infrastructure) 2007*, written comments on the proposal are welcome and you are encouraged to make a submission to QuadSol within 21 calendar days of receiving these letters.

Please note, submissions should not be made to Ausgrid. QuadSol has provided details about how to lodge a submission and resident feedback received will be shared with Lake Macquarie Council.

For more information about Ausgrid's community battery trial please visit our project webpage, ausgrid.com.au/batteries

AUS_COMM_RES_002

16th of November 2020

Dear Resident,

Re: Upgrade work in Juncea CI, Charlestown

We are planning to install a community battery beside the existing electricity distribution substation located near Juncea CI, Charlestown

The proposed community battery allows solar customers connected to the same local distribution network to share in a larger 'community' battery that is owned and maintained by Ausgrid. They have the following approximate dimensions: 5.8m length x 1.7m width x 2.2m height.

The community batteries need to be central to the electrical load they will serve in order to provide quality power to where it is needed. Please refer to the diagram on the attached page for more detail on the proposed location.

Council notification

We have notified Lake Macquarie City Council regarding the proposed location of this kiosk substation.

Environmental considerations

Minimising the impact our works have on the environment is of paramount importance to us. These proposed works will be assessed under Part 5 of the *Environmental Planning and Assessment Act 1979* and every effort will be made to minimise disruption to the community.

Construction works and timing

Once the location has been confirmed we will commence site preparation activities followed by the community battery placement. This includes some excavation, soil removal and placing the kiosk on the site. We anticipate the work to begin around 10th of December and further notification will be provided to affected residents before works commence.

Comments welcome

Under the State Environmental Planning Policy (Infrastructure) 2007, we welcome written comments on this proposal within 21 days from the receipt of this letter, on 7th of December. Please send these to Unit D, 10-16 South Street, Rydlemere, NSW, 2116 or via email to projects@qdsol.com

Your feedback is important to us and all comments will be carefully considered before a final decision is made. If no feedback is received we will proceed with the proposed design and the construction phase will begin in due course.

Should you have any questions in relation to the proposed works, please call 1300 325 247

Daniel Uramowski

Daniel Uramowski
Managing Director
Quadsol Pty Ltd

Proposed Location – Community Battery Juncea CI, Charlestown

